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SELF CONFIGURING PEER TO PEER INTER PROCESS MESSAGING SYSTEM

ABSTRACT OF THE DISCLOSURE

The system provides remote program execution, data transport, message communication, status communication and relocation of computer resources by using an arbiter associated with each computer. An originating arbiter of a process resource sends messages between arbiters that are received by each arbiter and then sent to a destination arbiter, if required. If necessary, the message may be retransmitted by intermediate arbiters and eventually received by the destination arbiter which interpret, and executes the message. As a result, the arbiters provide actual communication between the resources. Each arbiter may be resident in each of a plurality of computers which are part of a network linked by a network. Each arbiter independently reviews and processes the messages so that the computers communicate directly with each other on a peer to peer basis without the need for a master controlling program or other gateway for controlling and processing the messages as the messages are transmitted between computers.

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